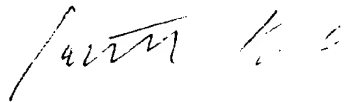


REMARKS

Please note that the claims pending at the time of this filing are the claims of the international application serial no. PCT/GB00/02059, *i.e.* claims 1-31. The pending claims have been amended above to better conform to United States practice. The marked-up version of the changes to the specification and claims are attached hereto in the "Version With Markings to Show Changes Made".

It is submitted that this application is now in condition for substantive examination, which action is respectfully requested.

Respectfully submitted,



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Enc: Version With Markings to Show Changes Made

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Susan E. Freedman

Date of Signature: November 29, 2001

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

On page 1 after the title of the invention please add:

RELATED APPLICATIONS

This application claims priority under 35 U.S.C. § 371 from PCT/GB00/02059, (published under PCT Article 21(2) in English), filed on May 26, 2000, which claims priority to Great Britain Application Serial No. 9912694.8, filed on June 2, 1999, the disclosures of which are incorporated by reference herein in their entireties.

On page 1 please replace the second full paragraph with the following:

Typically to install a window pane in a wooden/plastic/metal frame, the glass pane is firstly held in position against nails or other clasps [and] and then fixed into position by putty or plasters material. Conventional putty is a cement made from whiting and linseed oil which hardens over time to provide a peripheral rim of the window pane, thus separating interior and exterior environments and preventing air, moisture and/or heat transfer. The installation is completed once the putty has dried and this usually takes up to 6 hours or so depending on the kind of plasters used.

IN THE CLAIMS:

A marked up version of each of the presently amended claims, highlighting the changes thereto, follows:

2. (Amended) A composition according to Claim 1 wherein the microcapsules each [comprising] comprise a shell[, encapsulate] that encapsulates at least one expandable gas or volatile expandable agent or an explosive material.

4. (Amended) A composition according to [any preceding claim] Claim 1, wherein the adhesive agent is [a] selected from the group consisting of urethane, [or] polyurethane, [or] polyvinylchloride [or a] and an MS polymer.

5. (Amended) A composition according to [any preceding claim] Claim 1, wherein the thermoexpandable capsules are microspheres or hollow fibres in the form of a powder.

7. (Amended) A composition according to [any of Claims 1-5] Claim 1, wherein the composition is formed at the time of, or shortly before, its use.

9. (Amended) A composition according to [any preceding claim] Claim 1, which further includes a fast cure agent or catalyst, whereby the [adhesive] composition is rapidly cured or set.

10. (Amended) A composition according to [any preceding claim] Claim 1, which further includes a [colouring] coloring agent so that the cured composition is black.

11. (Amended) A composition according to [any preceding claim] Claim 1, wherein the microcapsules encapsulate more than one material.

13. (Amended) A composition according to [either] Claim 11 [or 12] wherein the microcapsules encapsulate different agents, either separately or in combination.

14. (Amended) A composition according to [any of claims 11-13] Claim 11, further comprising intact expanded microspheres and/or microcapsules which have released their contents into the composition.

15. (Amended) A composition according to [any preceding claim] Claim 2, wherein the [microsphere's] microcapsule shell diameter is in the range 10 to 120 μm .

16. (Amended) A composition according to [any preceding claim] Claim 2, wherein the microcapsule shell thickness is in the range 3 to 7 μm .

17. (Amended) A composition according to [any preceding claim] Claim 1, wherein the thermoexpandable microcapsules are present in the range of 1-30% by volume

19 (Amended) A composition according to [any preceding claim] Claim 1 wherein the composition is activated by heat in a heat activation range of 80-170° C.

21. (Amended) A composition according to [any preceding claim] Claim 2, further comprising a mixture of microcapsules of different diameter or shell thickness or of differing heat activation temperatures or different expanding coefficients.

22. (Amended) [Use of] A method of preparing a composition comprising:
providing an adhesive agent; and
[dispersed therein] dispersing thermoexpandable microcapsules therein for fixing glazing.

23. (Amended) [Use of a composition] The method according to Claim 22 wherein the composition further [including any one or more of the features recited in Claims 2-21] comprises a shell that encapsulates at least one expandable gas or volatile expandable agent or an explosive material.

25. (Amended) A composition according to Claim 24 further [including any one or more of the features of Claims 2-21] comprising a shell that encapsulates at least one expandable gas or volatile expandable agent or an explosive material.

26. (Amended) [Use of] A method of preparing a composition comprising:
providing a primer; and
[dispersed therein] dispersing thermoexpandable microcapsules therein as a glazing adhesive.

27. (Amended) [Use of a composition] The method according to Claim 26 [including any one or more of the features of Claims 2-21] further comprising a shell that encapsulates at least one expandable gas or volatile expandable agent or an explosive material.

28. (Amended) [A composition comprising microcapsules for use as a] A method of preparing a glazing adhesive comprising:
providing a composition comprising microcapsules.

29. (Amended) A method of installing a vehicle windscreen [or fixed glazing] comprising [the steps of]:

- (i) placing a windscreen flush against a window aperture rim of a vehicle;
- (ii) applying [the] a composition [according to any of Claims 1-21 or Claims 24, 25 or 28] comprising an adhesive agent and dispersed therein thermoexpandable microcapsules around a peripheral area of the windscreen;
and
- (iii) allowing sufficient time for the adhesive to cure or primer to dry.

31. (Amended) A method of [removing a vehicle windscreen or] fixed glazing comprising [the steps of]:

- (i) applying a heat source to the cured adhesive wherein the heat applied is sufficient to cause thermoexpansion of the microcapsules and [thus] to weaken the adhesive cohesion and interface bonds of the composition; and
- (ii) removing the windscreen from the main vehicle body.

32. (New) A method of installing a vehicle windscreen or fixed glazing comprising:

- placing a windscreen flush against a window aperture rim of a vehicle;
- applying a composition comprising a primer and dispersed therein thermoexpandable microcapsules around a peripheral area of the windscreen;
and
- allowing sufficient time for the adhesive to cure or primer to dry.